



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Alexei A. Erchak et al. Art Unit : 2879
Serial No. : 10/724,029 Examiner : Martin R. Hodge
Filed : November 26, 2003
Title : LIGHT EMITTING DEVICES WITH HIGH LIGHT COLLIMATION


Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form.
This filing is being made with the filing of a Request for Continued Examination. Please apply
any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 3/15/05

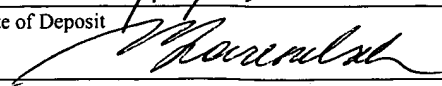

Sean P. Daley
Reg. No. 40,978

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

21046862.doc

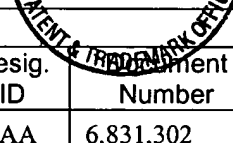
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

3/16/05
Date of Deposit

Signature

Irja Zarembok
Typed or Printed Name of Person Signing Certificate

| | | | |
|---|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 16459-010001 | Application No. 10/724,029 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Alexei A. Erchak et al. | |
| | | Filing Date November 26, 2003 | Group Art Unit 2879 |



| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|-------------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | 6,831,302 | 12/14/04 | Erchack et al. | | | |
| | AB | 6,504,180 | 1/7/03 | Heremans, et al. | | | |
| | AC | 6,690,268 | 2/10/04 | Schofield, et al. | | | |
| | AD | 6,642,618 | 11/4/03 | Yagi, et al. | | | |
| | AE | 6,784,027 | 8/31/04 | Streubel, et al. | | | |
| | AF | 6,847,057 | 1/25/05 | Gardner, et al. | | | |
| | AG | 6,072,628 | 6/6/00 | Sarayeddine | | | |
| | AH | 6,122,103 | 9/19/00 | Perkins, et al. | | | |
| | AI | 6,288,840 | 9/11/01 | Perkins, et al. | | | |
| | AJ | 6,574,383 | 6/3/03 | Erchak, et al. | | | |
| | AK | 6,504,180 | 1/7/03 | Heremans, et al. | | | |
| | AL | 6,690,268 | 2/10/04 | Schofield, et al. | | | |
| | AM | 5,162,878 | 11/10/92 | Sasagawa, et al. | | | |
| | AN | 6,828,597 | 12/07/04 | Wegleiter, et al. | | | |
| | AO | 5,814,839 | 9/29/98 | Hosoba | | | |
| | AP | 5,491,350 | 2/13/96 | Unno, et al. | | | |
| | AQ | 6,303,405 | 10/16/01 | Yoshida, et al. | | | |
| | AR | 2002/0110172 | 8/15/02 | Hasnain, Ghulam, et al. | | | |
| | AS | 6,222,207 | 4/24/01 | Carter-Coman, et al. | | | |
| | AT | 6,593,160 | 7/15/03 | Carter-Coman, et al. | | | |
| | AU | 6,573,537 | 6/3/03 | Steigerwald, et al. | | | |
| | AV | 6,465,808 | 10/15/02 | Lin | | | |
| | AW | 2003-0143772 | 7/31/03 | Chen, Tzer-Peng | | | |
| | AX | 6,762,069 | 7/13/04 | Huang, et al. | | | |
| | AY | 6,649,437 | 11/18/03 | Yang, et al. | | | |
| | AZ | 6,740,906 | 5/25/04 | Slater, Jr., et al. | | | |
| | AAA | 6,791,119 | 9/14/04 | Slater, Jr., et al. | | | |

| | |
|--|-----------------|
| Examiner Signature | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

| | | | |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 16459-010001 | Application No. 10/724,029 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Alexei A. Erchak et al. | |
| | | Filing Date November 26, 2003 | Group Art Unit 2879 |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|----------------------|-------|----------|----------------------------|
| | ABB | 6,794,684 | 9/21/04 | Slater, Jr., et al. | | | |
| | ACC | 6,825,502 | 11/30/04 | Okazaki, et al. | | | |
| | ADD | 2004-0182914 | 9/23/04 | Venugopalan, Hari S. | | | |
| | AEE | 2005-0019971 | 1/27/05 | Slater, David B. Jr. | | | |

Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| | AFF | 02/071450 A2 | | WO | | | | |
| | AGG | | | | | | | |
| | AHH | | | | | | | |
| | AII | | | | | | | |
| | AJJ | | | | | | | |

Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|--|
| | AKK | Wendt et al. "Nanofabrication of photonic lattice structures in GaAs/AlGaAs," J. Vac. Sci. Technol. B 11 (6), Nov/Dec 1993, pages 2637-2640 |
| | ALL | Gourley et al. "Optical properties of two-dimensional photonic lattices fabricated as honeycomb nanostructures in compound semiconductors," Appl. Phys. Lett. 64 (6), 7 February 1994, pages 687-689 |
| | AMM | |
| | ANN | |

| | |
|--|-----------------|
| Examiner Signature | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |